**3" SINGLE WATER SERVICE**

**CONTRACTOR TO LAY SINGLE STICK OF 4" DI CLASS 50 PIPE THROUGH VAULT. CUT OUT CENTER AND INSTALL FITTINGS SHOWN BELOW.**

- **Flow**
- **Floor Drain**
- **Ladder with Extendable Safety Posts**
- **Precast Vault**
- **Frame Drain & PVC in Vault. Attach to Vault with Stainless Steel Hardware**
- **4" RSGV, (FL X MJ)(TYP)**
- **PVC Frame Drain Line to Bottom of Vault**
- **Pipe Installed Thru Knockout (TYP)**
- **Flow**
- **24" Min. 32" Max.**

**3" DIA. X 15" MIN. LENGTH DI CLASS 53 SPOOL LENGTH (FL X PE)**

**NOTES:**
1. THE DISTRICT WILL PROVIDE THE 3" WATER METER WITH STRAINER. CONTRACTOR TO PROVIDE ALL OTHER MATERIALS. MATERIAL COSTS BORNE BY THE CUSTOMER.

**MATERIALS LIST**

- (FT) 4" DUCTILE IRON FLANGED PIPE, CLASS 53, DIAMETER ACCORDING TO INSTALLED METER SIZE.
  1. 612 H2 PRECAST VAULT WITH ALUMINUM, H-20 LOADING, DOUBLE LEAF, SPRING ASSISTED, DIAMOND PLATE, AND RECESSED PADLOCK HASP COVER, OR EQUAL.
  2. 1-1/2" PVC FRAME DRAIN TO BOTTOM OF VAULT.
  3. ALUMINUM SAFETY LADDER WITH EXTENDABLE SAFETY POSTS MINIMUM 1 INCH DIAMETER RUNG WITH MINIMUM 12-INCH WIDTH BETWEEN RUNGS AND 18-INCH WIDTH BETWEEN SIDE BARS.
  4. 2" SERVICE SADDLES, ROMAC 202S.
  5. 2" LOCKING CURB STOPS–BRASS MIP X COMP, FORD B84–666–Q–W, OR EQUAL.
  6. 2" BRASS COMP X COMP, FORD L44–77–Q OR EQUAL.
  7. 2" HDPE SDR9 ASTM D2737 SERVICE LINE.
  8. 2" POLY INSERTS–CTS STAINLESS STEEL MINIMUM 2–3/8" LENGTH.
  9. 2" UNISTRUT CLAMPS (MINIMUM).
  10. 4" RESILIENT SEAT GATE VALVES AWWA C509 WITH WHEEL OPERATORS, KENNEDY OR EQUAL.
  11. 4" RESTRAINED FLANGE COUPLING ADAPTOR, ROMAC OR EQUAL.
  12. 4" X 3" REDUCER (FL)
  13. PIPE SUPPORTS MOUNTED TO FLOOR WITH STAINLESS STEEL HILTI ANCHOR BOLTS, 4" SADDLE SIZE.
  14. CUBIC YARD MINIMUM 1-1/2" DRAIN ROCK (REQUIRED WHEN DRAIN TO SUBGRADE).
  15. CUBIC YARD MINIMUM 5/8" MINUS CRUSHED ROCK.